Sequence of the Human Platelot-Derived Growth Factor A-Chuin Clone Uppsala-D1

GCGGGGGGCCGTCCCCAGCTCCCCCGGGCCACCTCCTCCGGGCCGCGCTCCTAAGGGATGGTACTGATTTTCGCCGCCACAGGAGAGCGGCTGGAGGGCCCCCCGGGGG

Het Arg Thr Leu Ala Cys Leu Leu Leu Gly Cys Gly Tyr Leu Ala His Val Leu Ala Arg Acg Acc Tro GCT TGC CTC CTC CTC GCC TGC GCA TAC CTC GCC CAT GTT CTG GCC CTCGCCTCTCCTCCGAGCAGCCAGCGCCTCGGGACGCG

50 Glu Ile Glu Glu Ala Glu Ile Pro Arg Glu Val Ile Glu Arg Leu Ala Arg Ser Gln Ile His Ser Ile Arg Asp Leu Gln Arg Leu Leu Glu Ile GAG GAA GCC GAG ATC CCC CGC GAG GTC ATC GAG AGG CTG GCC AGT CAG ATC CAC AGC ATC CGG GAG CTC CAG CGA CTC CTG GAG ATA Cys 160

Leu Glu Glu His Leu Glu Cys Ala Cys Ala Thr Thr Ser Leu Asn Pro Asp Tyr Arg Glu Glu Asp Thr Gly Arg Pro Arg Glu Ser Gly TTA GAG GAG CAT TTG GAG TGG GCG TGG GCG ACG ACG GCG ACG GCG TGA GGG TG

210 211

Translated Mol. Weight = 24046.60

Sequence of the Human Platelet-Derived Groath Factor A-Chain Clone Uppsala-13-1

6considente contrate contrate contrate constant contrates and an antitude contrate c

Met Arg Thr Leu Ala Cys Leu Leu Leu Leu Gly Cys Gly Tyr Leu Ala His Val Leu Ala Arg Arg Acc Tro GCT TGC CTG CTG CTC GGC TGC GGA TAC CTC GCC CAT GTT CTG GCC

Clu Ile CTCCCCTCTCCTCCGAGCCAGCGCCTCGGGAGGCG

8 Glu Glu Ala Glu Ile Pro Arg Glu Val Ile Glu Arg Leu Ala Arg Ser Gln Ile Hia Ser Ile Arg Asp Leu Gln Arg Leu Leu Glu Ile GAG GAA GCC GAG ATC CCC CGC GAG GTG ATC GAG AGG CTG GCC AGT CAG ATC CAC AGC ATC CGG GAC CTC CAG CTC CTG GAG ATA

Asp Ser Val Gly Ser Glu Asp Ser Leu Asp Thr Ser Leu Arg Ala His Gly Val His Ala Thr Lys His Val Pro Glu Lys Arg Pro Leu GAC TCC CTG GAC TCC GTA GGC AGT GTC GAC AAG GGC CCC CTG GAC TCC GTA GGC AGT GTC GAC AAG GGC CCC CTG S

CAG GTC Gln Val br Ile Arg Arg Lys Arg Ser Ile Glu Glu Ala Val Pro Ala Val Cys Lys Thr Arg Thr Val Ile Tyr Glu Ile Pro Arg Ser CCC AIT CGG AGG AAG AGA AGA ATC GAG GAA GCT GTC CCC GCT GTC TGC AAG ACC AGG ACG GTC ATT TAC GAG ATT CCT CGG AGT 5

196

GCCCTTTCCTGGGACATGGATGTACATGGCGTGTTACATTCCTGAACCTACTATGTACGGTGCTTTATTGCCAGTGTGGGGTCTTTGTTCTCCTGCGTGAAAAACTGTGTCCGAGAACAC

Translated Hol. Weight = 22256.17

AAGGAATTC

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Figure 2.

Figure 3.

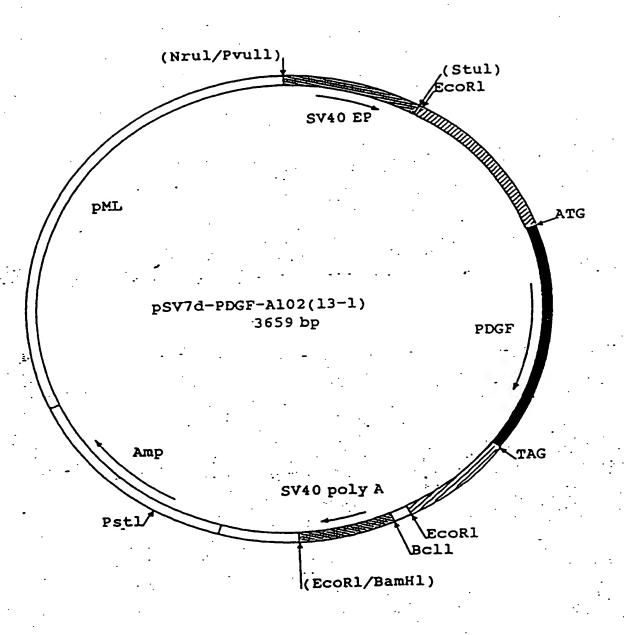
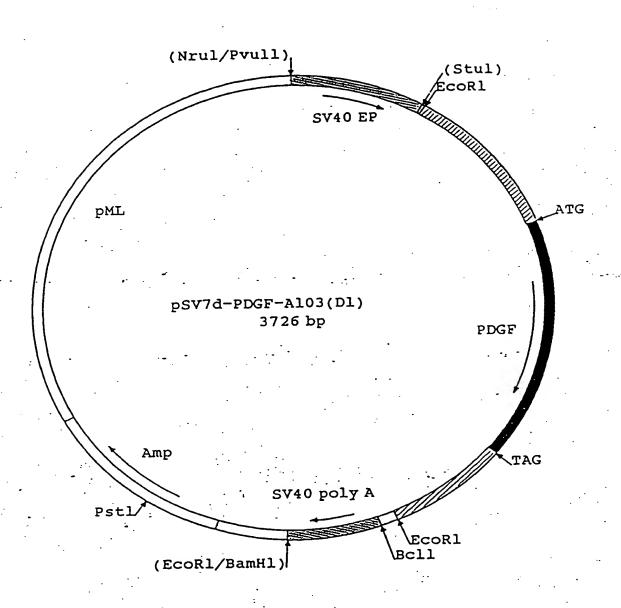


Figure 4.



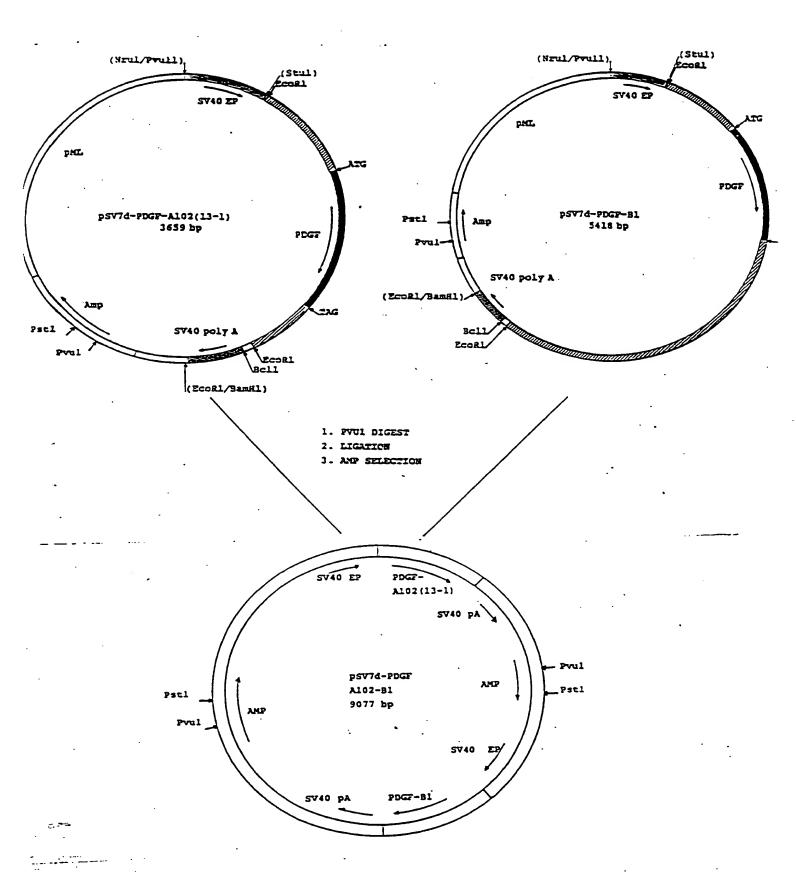


Figure 5

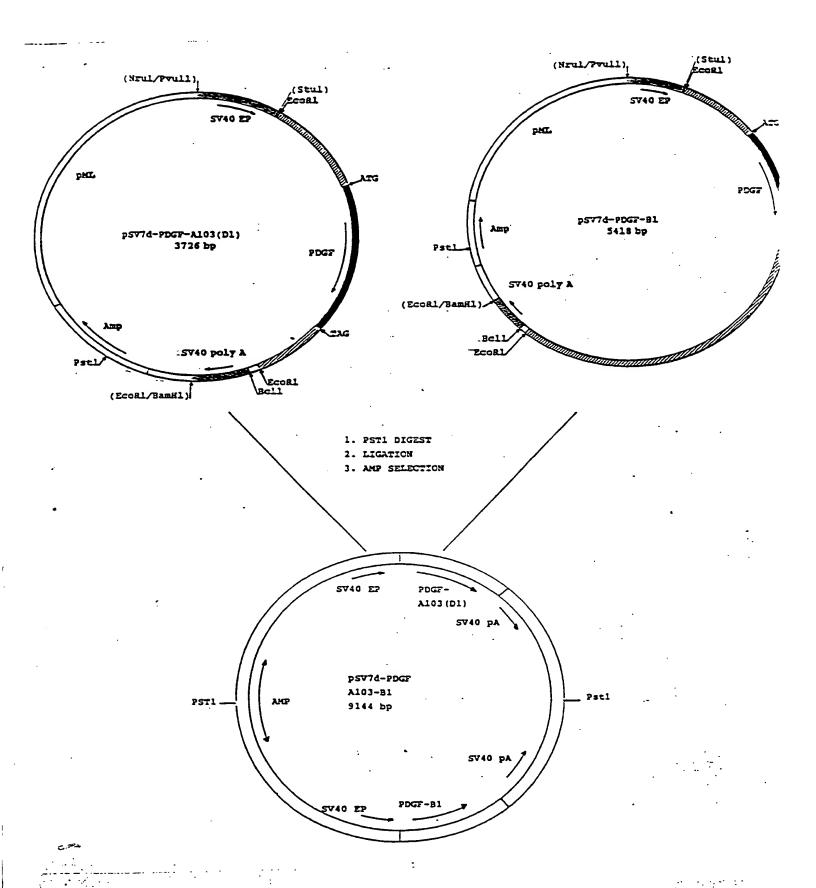


Figure 6

Sequence of SV early promoter, polylinker, and SV40 poly A addition region from pSV7d

- 121 AAGTATGCAAAGCATGCATCTCAATTAGTCAGCAACCATAGTCCCGCCCCTAACTCCGCC
 TTCATACGTTTCGTACGTAGAGTTAATCAGTCGTTTGGTATCAGGGCGGGATTGAGGCGG

 132 SPH1
- CATCCCGCCCTAACTCCGCCCAGTTCCGCCCATTCTCCGCCCATGGCTGACTAATTTT
 GTAGGGCGGGATTGAGGCGGGTCAAGGCGGGTAAGAGGCGGGTACCGACTGATTAAAA

 223 NCOl,
- 241 TTTTATTTATGCAGAGGCCGAGGCCGCCTCGGCCTCTGAGCTATTCCAGAAGTAGTGAAG AAAATAAATACGTCTCCGGCTCCGGCGGAGCCCGGAGACTCGATAAGGTCTTCATCACTTC
- 263 BGL1 |-polylinker--> OC OP OP
 301 AGGCTTTTTTGGAGGAGATCGAATTCCCGGGTCTAGAGGATCCGTCGACCTAGATAAGTA
 TCCGAAAAAACCTCCTCTAGCTTAAGGGCCCCAGATCTCCTAGGCAGCTGGATCTATTCAT
 - 321 ECOR1, 326 SMA1 XMA1, 332 XBA1, 338 BAMH1, 344 SAL1,
- 361 ATGATCATAATCAGCCATATCACATCTGTAGAGGTTTTACTTGCTTTAAAAAACCTCCCA TACTAGTATTAGTCGGTATAGTGTAGACATCTCCAAAATGAACGAAATTTTTTGGAGGGT 362 BCL1, 405 DRA1,
- 421 CACCTCCCCTGAACCTGAAACATAAAATGAATGCAATTGTTGTTGTTAACTTGTTTATT
 GTGGAGGGGGACTTGGACTTTGTATTTTACTTACGTTAACAACAACAACAATGAACAATAA
 466 HPA1
- 481 GCAGCTTATAATGGTTACAAATAAAGCAATAGCATCACAAATTTCACAAATAAAGCATTT CGTCGAATATTACCAATGTTTATTTCGTTATCGTAGTGTTTAAAGTGTTTATTTCGTAAA
- End of SV40--->||-pBR322 (pos. 4210)->
 541 TTTTCACTGCATTCTAGTTGTGGTTTGTCCAAACTCATCCGCTCATGAGACAATAACCCT
 AAAAGTGACGTAAGATCAACACCAAACAGGTTTGAGTAGGCGAGTACTCTGTTATTGGGA

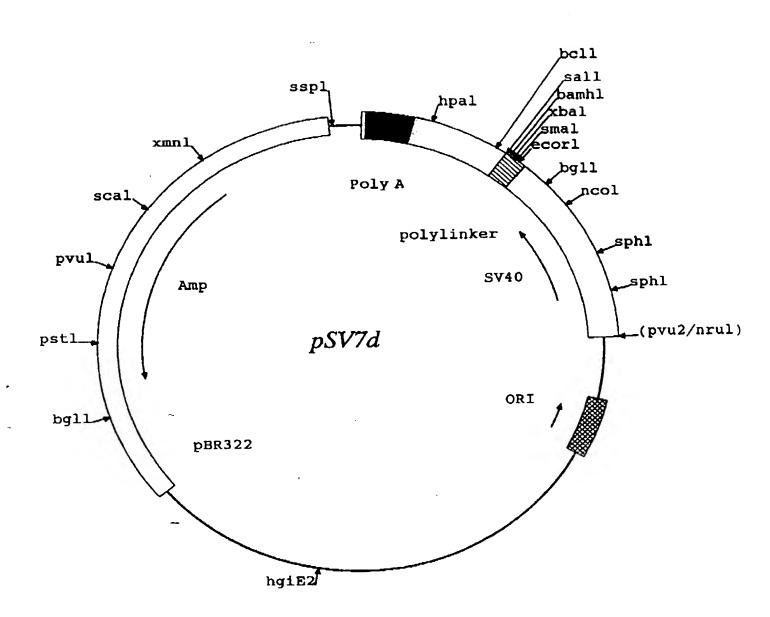


Figure 8

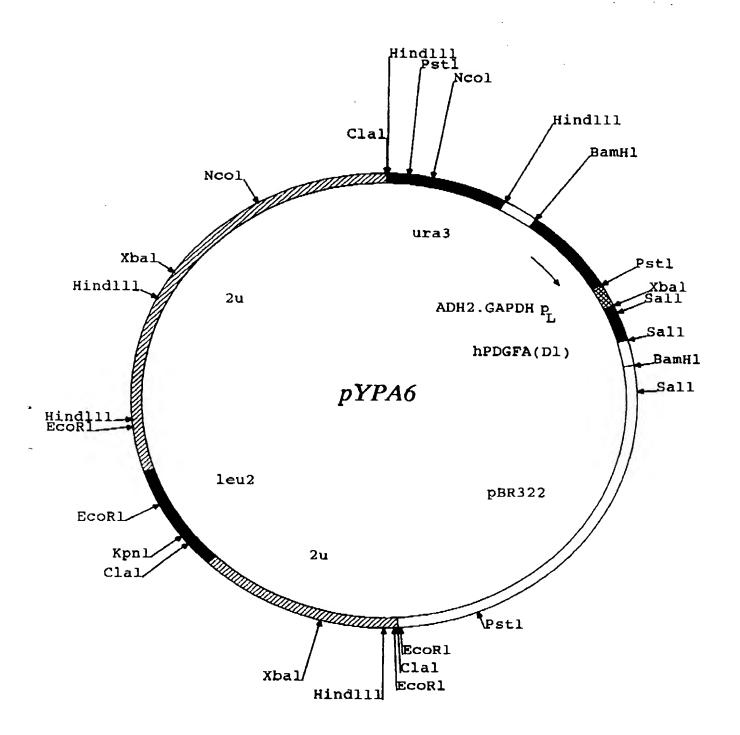


Figure 9

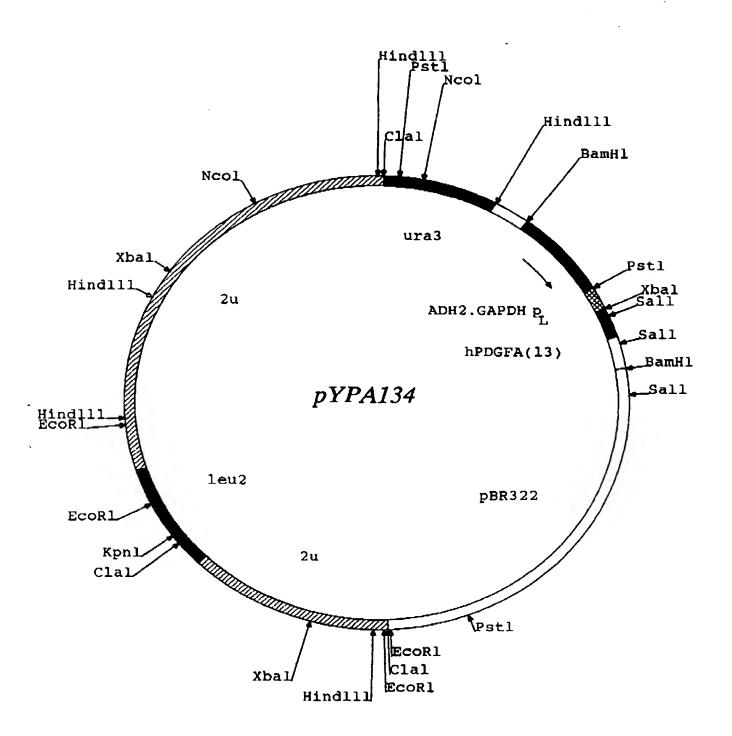


Figure 10

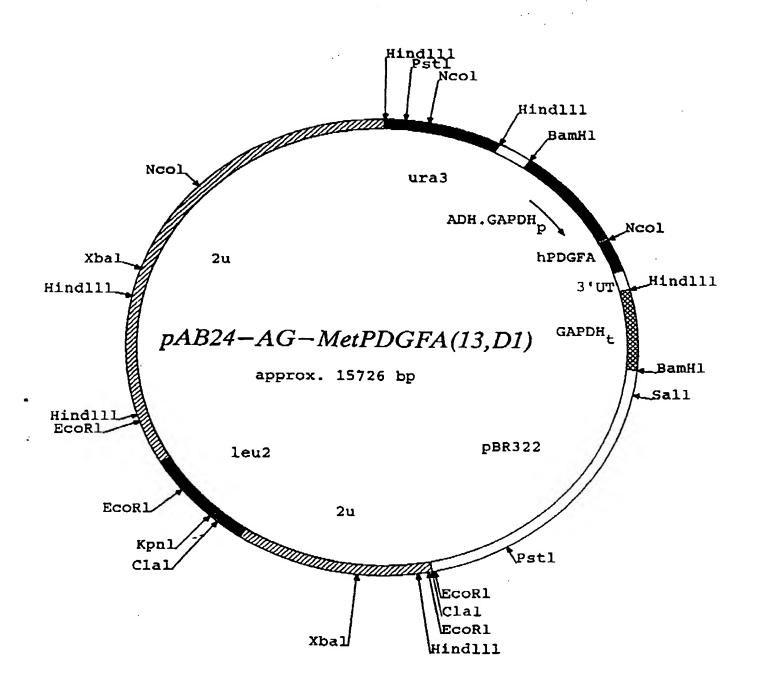


Figure 11

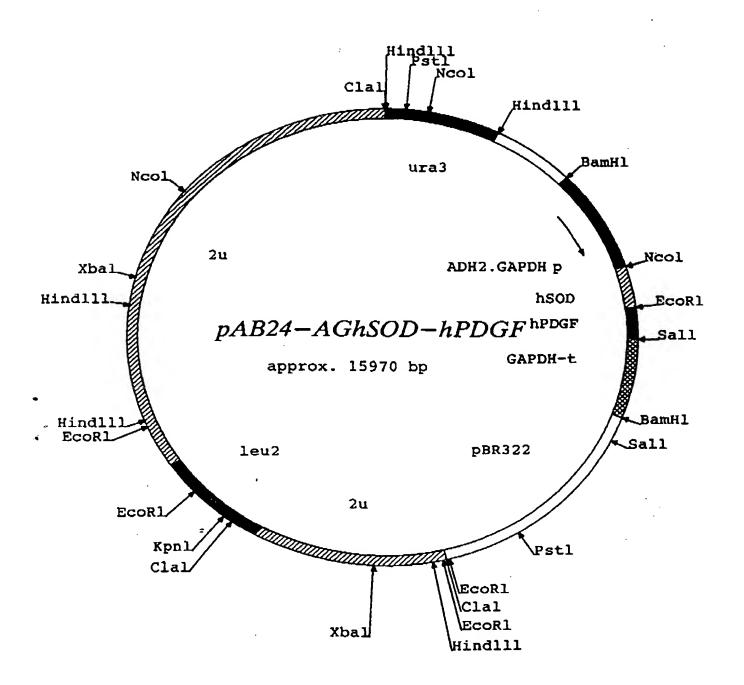


Figure 12



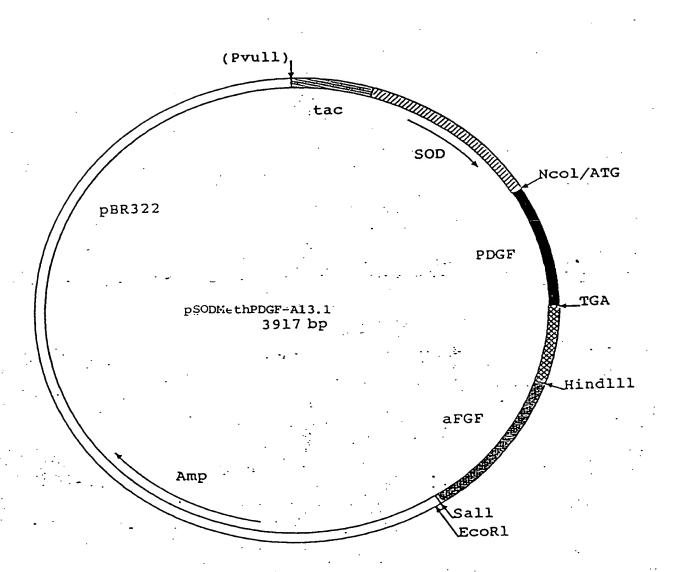


Figure 14

